

Table 1-12: Electricity Generation-Related Greenhouse Gas Emissions (Tg CO₂ Eq.)

Gas/Fuel Type or Source	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
CO₂	1,821.8	1,822.8	1,836.4	1,911.0	1,936.5	1,953.8	2,027.1	2,095.5	2,186.5	2,201.2	2,306.1	2,272.3
CO ₂ from Fossil Fuel Combustion	1,805.0	1,804.7	1,817.7	1,891.5	1,916.0	1,931.8	2,003.9	2,070.8	2,160.3	2,173.5	2,277.8	2,242.8
Coal	1,530.3	1,531.9	1,553.5	1,614.8	1,621.6	1,643.4	1,734.0	1,778.1	1,808.7	1,817.5	1,906.9	1,856.8
Natural Gas	175.3	179.4	186.6	187.9	211.2	228.3	205.0	218.9	248.0	260.1	280.6	284.9
Petroleum	99.0	92.9	77.3	88.3	82.9	59.7	64.5	73.5	103.2	95.6	89.9	100.7
Geothermal	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Waste Combustion	14.4	15.7	16.3	17.1	17.8	18.7	19.7	21.4	22.7	24.1	25.6	27.1
Limestone and Dolomite Use	2.7	2.4	2.4	2.4	2.8	3.5	3.8	3.5	3.7	3.8	2.9	2.6
CH₄	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7
Stationary Combustion*	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7
N₂O	7.8	7.6	7.9	8.2	8.3	8.3	8.7	9.0	9.2	9.2	9.6	9.4
Stationary Combustion*	7.6	7.4	7.6	8.0	8.0	8.0	8.5	8.7	8.9	8.9	9.3	9.1
Waste Combustion	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
SF₆	32.1	33.4	31.1	35.1	32.4	27.5	27.7	25.2	20.9	16.4	15.4	15.3
Electrical Transmission and Distribution	32.1	33.4	31.1	35.1	32.4	27.5	27.7	25.2	20.9	16.4	15.4	15.3
Total	1,862.3	1,864.3	1,876.0	1,955.0	1,977.9	1,990.1	2,064.1	2,130.4	2,217.2	2,227.5	2,331.8	2,297.7

Note: Totals may not sum due to independent rounding.

* Includes only stationary combustion emissions related to the generation of electricity.